(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
10 March 2005 (10.03.2005)

PCT

(10) International Publication Number
WO 2005/022303 A2

(51) International Patent Classification[7]: G06F

(21) International Application Number:
PCT/US2004/026031

(22) International Filing Date: 10 August 2004 (10.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/495,665 15 August 2003 (15.08.2003) US
10/688,528 21 October 2003 (21.10.2003) US

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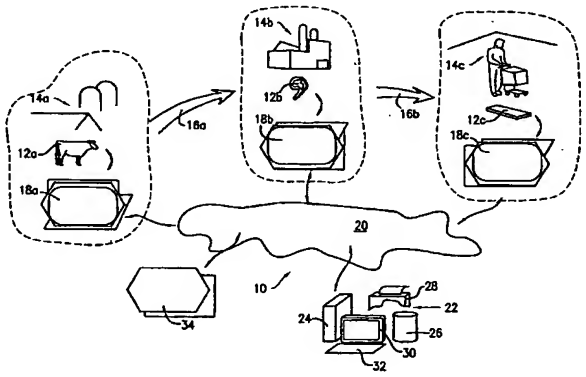
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *without international search report and to be republished upon receipt of that report*

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR SITE-SPECIFIC ELECTRONIC RECORDKEEPING



(57) Abstract: A tracking and labeling system (10) for collecting, recording and reporting data (38) on an item (12a, 12b, 12c) as the item experiences changes in state over time. The system has a plurality of node systems (18a, 18b, 18c, 18d, 18e, 18f) connected to the Internet (20) that transmit data (38) to a server (22) with database handling software. As the item (12a, 12b, 12c) is processed at various places and times (14a, 14b, 14c), the data (38) associated with the item (12a, 12b, 12c) is captured by the node systems (18a, 18b, 18c, 18d, 18e, 18f) and sent to the server database (26). At various points along the way, labels (46d, 46e, 46f) may be generated to hold a selected portion of the data (38) associated with the item (12a, 12b, 12c). The labels (46d, 46e, 46f) may be read by offline apparatus, as well as by the node systems (18a, 18b, 18c, 18d, 18e, 18f). The node systems (18a, 18b, 18c, 18d, 18e, 18f) may also print labels (46d, 46e, 46f, 50), e.g., in 2D barcode format, for updating the data (38) associated with an item (12a, 12b, 12c) as it is processed. In this manner, the label (46d, 46e, 46f, 50) contains up-to-date information on the item (12a, 12b, 12c). The system (10) permits the entire chronologically ordered site-specific history of an item to be recalled through a query directed to the server system (22) and therefore can be applied to various applications such as tracking the origin of food products for public health purposes. The server system (22) can be accessed by users on the Internet (20).

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